



$$1) \quad 4x + 7 = 35$$

$$\begin{array}{r|l} -7 & -7 \\ \hline 4x & 28 \\ \hline 4 & 4 \\ \hline x & = 7 \end{array}$$

$$2) \quad 5r - 3 = 10r + 27$$

$$\begin{array}{r|l} -5r & -5r \\ \hline -3 & 5r + 27 \\ \hline -27 & -27 \\ \hline -30 & 5r \\ \hline -5 & 5 \\ \hline -6 & = 1 \end{array}$$

$$\begin{array}{r|l}
 3) -5y + 11 & = 35 \\
 -11 & -11 \\
 \hline
 -5y & = 24 \\
 -5 & -5 \\
 \hline
 y & = 4\frac{4}{5}
 \end{array}$$

$$\begin{array}{r|l}
 4) -40 + 3w & = 7w - 8 \\
 -3w & -3w \\
 \hline
 -40 & = 4w - 8 \\
 +8 & +8 \\
 \hline
 -32 & = 4w \\
 \frac{-32}{4} & = \frac{4w}{4} \\
 -8 & = w
 \end{array}$$

5)  $3\frac{1}{3}z = 12$

$$\frac{10}{3} \quad 3\frac{1}{3} \quad \frac{10}{3}$$


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$$z = \frac{12}{3} = 4$$

$z = 3\frac{3}{5}$

$\frac{12}{1} \div \frac{10}{3} = \frac{12 \cdot 3}{10} = \frac{36}{10} = 3\frac{3}{5}$

6)  $\frac{2}{5}w - 3 = 22$

$$\frac{5}{2} \quad 2\frac{1}{5}w = 25$$


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$$w = 62\frac{1}{2}$$

$\frac{2}{5}w - 3 = 22$   
 $\frac{2}{5}w = 25$   
 $w = 62\frac{1}{2}$

**HOMEWORK!!**